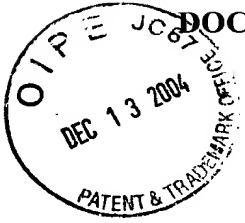


12-14-04

1631/\$  
PATENT *[Signature]*



DOCKET NO.: TIBO-0009

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
**Brendan Larder and Dechao Wang**  
Application No.: 09/589,167  
Filing Date: June 8, 2000

Confirmation No.: 9773  
Group Art Unit: 1631  
Examiner: Lori A. Clow

For: **METHOD AND SYSTEM FOR PREDICTING RESISTANCE OF A DISEASE  
TO A THERAPEUTIC AGENT USING A NEURAL NETWORK**

EXPRESS MAIL LABEL NO: EV396264424US  
DATE OF DEPOSIT: December 13, 2004

EV396264424US

☒ MS Amendment ☐ MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

REPLY TRANSMITTAL LETTER

- ☐ A Preliminary Amendment.
- ☒ A Reply Responsive to the Office Action Dated July 14, 2004.
- ☐ A Reply Supplemental to the Paper filed .
- ☐ A Substitute Specification (pages 1 - ) in clean form.
  - ☐ A substitute specification (pages 1 - ) with markings.
- ☐ An Abstract is enclosed.
- ☐ replacement sheets of drawings are enclosed comprising figures .
- ☐ Request is hereby made to accept black and white photograph(s) in this case, as they are the only practicable medium for illustrating the claimed invention. One (1) set of black and white photographs comprising figure(s) is submitted herewith.
- ☐ Petition is hereby made to accept drawing(s)/photograph(s) in this case.

12/16/2004 HVUONG1 00000066 233050 09589167  
01 FC:1252 450.00 DA

- ☐ Three (3) sets of color drawing(s)/photograph(s) and black and white photocopy that accurately depicts to the extent possible, the subject matter shown in the color drawing(s)/photograph(s), are enclosed, comprising figures
- ☐ An amendment to the first paragraph in that portion of the Brief Description of the Drawings is also enclosed herewith advising that the patent contains at least one drawing/photograph in color.
- ☐ A Certified Copy of each of the following applications: is enclosed.
- ☐ An Associate Power of Attorney is enclosed.
- ☐ Information Disclosure Statement.
  - ☐ Attached Form 1449.
  - ☐ A copy of each reference as listed on the attached Form PTO-1449 is enclosed herewith.
- ☐ A Terminal Disclaimer is attached.
- ☐ Appendices as follows: .
- ☐ Other
- ☐ **No Additional Fee is Due.**
- ☐ Applicant(s) has previously claimed small entity status under 37 CFR § 1.27.
- ☐ Applicant(s) by its/their undersigned attorney, claims small entity status under 37 CFR § 1.27 as .
- ☐ This application is no longer entitled to small entity status. It is requested that this be noted in the files of the U.S. Patent and Trademark Office.

DOCKET NO.: TIBO-0009

PATENT

|   |                                 |                     |       | SMALL ENTITY |       | NOT SMALL ENTITY |          |
|---|---------------------------------|---------------------|-------|--------------|-------|------------------|----------|
|   | REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>PAID FOR | EXTRA | RATE         | FEE   | RATE             | FEE      |
| TOTAL CLAIMS  | 3                               | 29                  | 0     | \$25 EACH    | \$    | \$50 EACH        | \$0      |
| INDEP. CLAIMS   | 1                               | 6                   | 0     | \$100 EACH   | \$    | \$200 EACH       | \$0      |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT                        |                                 |                     |       | \$180        | \$    | \$360            | \$0      |
| <input type="checkbox"/> ONE MONTH EXTENSION OF TIME            |                                 |                     |       | \$60         | \$    | \$120            | \$0      |
| <input checked="" type="checkbox"/> TWO MONTH EXTENSION OF TIME |                                 |                     |       | \$225        | \$    | \$450            | \$450.00 |
| <input type="checkbox"/> THREE MONTH EXTENSION OF TIME          |                                 |                     |       | \$510        | \$    | \$1020           | \$0      |
| <input type="checkbox"/> FOUR MONTH EXTENSION OF TIME           |                                 |                     |       | \$795        | \$    | \$1590           | \$0      |
| <input type="checkbox"/> FIVE MONTH EXTENSION OF TIME           |                                 |                     |       | \$1080       | \$    | \$2160           | \$0      |
| <input type="checkbox"/> LESS ANY EXTENSION FEE ALREADY PAID    |                                 |                     |       | minus        | (\$ ) | minus            | (\$ )    |
| <input type="checkbox"/> TERMINAL DISCLAIMER                    |                                 |                     |       | \$55         | \$    | \$110            | \$0      |
| <input type="checkbox"/> OTHER FEE OR SURCHARGE AS FOLLOWS:     |                                 |                     |       |              |       |                  | 0        |
| TOTAL FEE DUE   |                                 |                     |       |              | \$    |                  | \$450.00 |

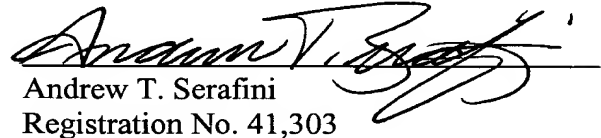
- ☐ A check in the amount of \$     .00     is attached. Please charge any deficiency or credit any overpayment to Deposit Account 23-3050.
- ☒ Please charge Deposit Account No. 23-3050 in the amount of 450.00. This sheet is attached in duplicate.
- ☐ Petition is hereby made under 37 CFR § 1.136(a) (fees: 37 CFR § 1.17(a)(1)-(4)) to extend the time for response to the Office Action of            to and through            comprising an extension of the shortened statutory period of            month(s).

**DOCKET NO.: TIBO-0009**

**PATENT**

- ☒ The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to Deposit Account 23-3050. This sheet is provided in duplicate.

Date: December 13, 2004

  
Andrew T. Serafini  
Registration No. 41,303

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

© 2004 WW